

## Auto Multiple Choice - Bug # 613: [archlinux] incompatibility with opencv4

<b>Status:</b>	Closed	<b>Priority:</b>	High
<b>Author:</b>	Benoit Landrieu	<b>Category:</b>	Installation
<b>Created:</b>	12/06/2018	<b>Assignee:</b>	
<b>Updated:</b>	12/29/2018	<b>Due date:</b>	

**Description:** Hello,

I've maintained last version of amc in aur (<https://aur.archlinux.org/packages/auto-multiple-choice/>) with some helps I've managed to install last version of amc ([https://gitlab.com/jojo\\_boulrix/auto-multiple-choice/](https://gitlab.com/jojo_boulrix/auto-multiple-choice/)).

Since update of opencv in archlinux (opencv4 : [https://www.archlinux.org/packages/extra/x86\\_64/opencv/](https://www.archlinux.org/packages/extra/x86_64/opencv/)), the compilation didn't work indeed the path of the library changes :

```
<pre>
/usr/include/opencv/opencv2 to /usr/include/opencv4/opencv2
</pre>
```

I managed to find a parted solution :

```
<pre>
--- Makefile 2018-12-06 16:24:50.518930933 +0100
+++ Makefile.old 2018-12-06 16:24:38.418931069 +0100
@@ -52,8 +52,8 @@
 endif
 endif

-GCC_OPENCV ?= $(shell pkg-config --cflags opencv4)
-GCC_OPENCV_LIBS ?= $(shell pkg-config --libs opencv4)
+GCC_OPENCV ?= $(shell pkg-config --cflags opencv)
+GCC_OPENCV_LIBS ?= $(shell pkg-config --libs opencv)
GCC_PDF ?= $(shell pkg-config --cflags --libs cairo pangocairo poppler-glib)
GCC_POPLER ?= $(shell pkg-config --cflags --libs poppler-glib gio-2.0)
</pre>
```

But after that the compilation is impossible :

```
<pre>
make auto-multiple-choice auto-multiple-choice.desktop AMC-gui-apropos.glade AMC-gui.pl
AMC-latex-link.pl AMC-perl/AMC/Basic.pm doc/doc-xhtml-site.fr.xsl doc/doc-xhtml-site.ja.xsl
doc/doc-xhtml-site.en.xsl doc/amcdocstyle.sty doc/doc-xhtml.xsl doc/auto-multiple-choice.en.xml
doc/auto-multiple-choice.fr.xml doc/auto-multiple-choice.ja.xml doc/sty/automultiplechoice.dtx
make[1]: Entering directory '/home/ben/arch/auto-multiple-choice'
make[1]: 'auto-multiple-choice' is up to date.
make[1]: 'auto-multiple-choice.desktop' is up to date.
make[1]: 'AMC-gui-apropos.glade' is up to date.
make[1]: 'AMC-gui.pl' is up to date.
make[1]: 'AMC-latex-link.pl' is up to date.
make[1]: 'AMC-perl/AMC/Basic.pm' is up to date.
make[1]: 'doc/doc-xhtml-site.fr.xsl' is up to date.
make[1]: 'doc/doc-xhtml-site.ja.xsl' is up to date.
make[1]: 'doc/doc-xhtml-site.en.xsl' is up to date.
make[1]: 'doc/amcdocstyle.sty' is up to date.
make[1]: 'doc/doc-xhtml.xsl' is up to date.
```

```

make[1]: 'doc/auto-multiple-choice.en.xml' is up to date.
make[1]: 'doc/auto-multiple-choice.fr.xml' is up to date.
make[1]: 'doc/auto-multiple-choice.ja.xml' is up to date.
make[1]: 'doc/sty/automultiplechoice.dtx' is up to date.
make[1]: Leaving directory '/home/ben/arch/auto-multiple-choice'
make AMC-detect AMC-buildpdf AMC-pdfformfields icons/auto-multiple-choice.xpm
icons/auto-multiple-choice.svgz doc I18N
make[1]: Entering directory '/home/ben/arch/auto-multiple-choice'
gcc -o AMC-detect AMC-detect.cc -O2 -lstdc++ -lm -I/usr/include/opencv4/opencv -I/usr/include/opencv4
-lopencv_gapi -lopencv_stitching -lopencv_aruco -lopencv_bgsegm -lopencv_bioinspired -lopencv_ccalib
-lopencv_dnn_objdetect -lopencv_dpm -lopencv_face -lopencv_freetype -lopencv_fuzzy -lopencv_hdf
-lopencv_hfs -lopencv_img_hash -lopencv_line_descriptor -lopencv_reg -lopencv_rgbd -lopencv_saliency
-lopencv_stereo -lopencv_structured_light -lopencv_phase_unwrapping -lopencv_superres -lopencv_optflow
-lopencv_surface_matching -lopencv_tracking -lopencv_datasets -lopencv_text -lopencv_dnn -lopencv_plot
-lopencv_videostab -lopencv_video -lopencv_photo -lopencv_viz -lopencv_xfeatures2d -lopencv_shape
-lopencv_ml -lopencv_ximgproc -lopencv_xobjdetect -lopencv_objdetect -lopencv_calib3d
-lopencv_features2d -lopencv_highgui -lopencv_videoio -lopencv_imgcodecs -lopencv_flann -lopencv_xphoto
-lopencv_imgproc -lopencv_core
AMC-detect.cc: In function 'void load_image(cv::Mat&, char*, int, double, int)':
AMC-detect.cc:189:56: error: 'cvGetErrStatus' was not declared in this scope
    printf("! OpenCV error string: %s\n", cvErrorStr(cvGetErrStatus()));
                                                ^~~~~~
AMC-detect.cc:189:45: error: 'cvErrorStr' was not declared in this scope
    printf("! OpenCV error string: %s\n", cvErrorStr(cvGetErrStatus()));
                                                ^~~~~~
AMC-detect.cc:189:45: note: suggested alternative: 'error_t'
    printf("! OpenCV error string: %s\n", cvErrorStr(cvGetErrStatus()));
                                                ^~~~~~
                                                error_t
AMC-detect.cc:197:56: error: 'cvGetErrStatus' was not declared in this scope
    printf("! OpenCV error string: %s\n", cvErrorStr(cvGetErrStatus()));
                                                ^~~~~~
AMC-detect.cc:197:45: error: 'cvErrorStr' was not declared in this scope
    printf("! OpenCV error string: %s\n", cvErrorStr(cvGetErrStatus()));
                                                ^~~~~~
AMC-detect.cc:197:45: note: suggested alternative: 'error_t'
    printf("! OpenCV error string: %s\n", cvErrorStr(cvGetErrStatus()));
                                                ^~~~~~
                                                error_t
AMC-detect.cc: In function 'void pre_traitement(cv::Mat&, int, int)':
AMC-detect.cc:222:7: error: 'CV_SHAPE_ELLIPSE' was not declared in this scope
    CV_SHAPE_ELLIPSE,
    ^~~~~~
AMC-detect.cc:222:7: note: suggested alternative: 'CV_MAKE_TYPE'
    CV_SHAPE_ELLIPSE,
    ^~~~~~
    CV_MAKE_TYPE
AMC-detect.cc:231:30: error: 'CV_MOP_CLOSE' was not declared in this scope
    cv::morphologyEx(src, src, CV_MOP_CLOSE, trous);
                                ^~~~~~
AMC-detect.cc:231:30: note: suggested alternative: 'CV_CPU_NONE'
    cv::morphologyEx(src, src, CV_MOP_CLOSE, trous);
                                ^~~~~~

```

```

CV_CPU_NONE
AMC-detect.cc:232:30: error: 'CV_MOP_OPEN' was not declared in this scope
cv::morphologyEx(src, src, CV_MOP_OPEN, poussieres);
    ^~~~~~
AMC-detect.cc:232:30: note: suggested alternative: 'CV_PROP'
cv::morphologyEx(src, src, CV_MOP_OPEN, poussieres);
    ^~~~~~
CV_PROP
AMC-detect.cc: In function 'void calage(cv::Mat, cv::Mat, double, double, double, double, double, int, double*,
double*, cv::Mat&, int)':
AMC-detect.cc:498:3: error: 'CvPoint' was not declared in this scope
CvPoint coins_int[4];
    ^~~~~~
AMC-detect.cc:498:3: note: suggested alternative: 'point'
CvPoint coins_int[4];
    ^~~~~~
point
In file included from /usr/include/opencv4/opencv2/core/cvdef.h:165,
from /usr/include/opencv4/opencv2/core.hpp:52,
from /usr/include/opencv4/opencv2/core/core.hpp:48,
from AMC-detect.cc:40:
AMC-detect.cc:520:61: error: 'IPL_DEPTH_8U' was not declared in this scope
dst = cv::Mat(cv::Size(src.rows, src.cols), CV_MAKETYPE(IPL_DEPTH_8U, 3));
    ^~~~~~
/usr/include/opencv4/opencv2/core/hal/interface.h:83:35: note: in definition of macro 'CV_MAT_DEPTH'
#define CV_MAT_DEPTH(flags) ((flags) & CV_MAT_DEPTH_MASK)
    ^~~~~~
AMC-detect.cc:520:49: note: in expansion of macro 'CV_MAKETYPE'
dst = cv::Mat(cv::Size(src.rows, src.cols), CV_MAKETYPE(IPL_DEPTH_8U, 3));
    ^~~~~~
AMC-detect.cc:520:61: note: suggested alternative: 'CV_DEPTH_MAX'
dst = cv::Mat(cv::Size(src.rows, src.cols), CV_MAKETYPE(IPL_DEPTH_8U, 3));
    ^~~~~~
/usr/include/opencv4/opencv2/core/hal/interface.h:83:35: note: in definition of macro 'CV_MAT_DEPTH'
#define CV_MAT_DEPTH(flags) ((flags) & CV_MAT_DEPTH_MASK)
    ^~~~~~
AMC-detect.cc:520:49: note: in expansion of macro 'CV_MAKETYPE'
dst = cv::Mat(cv::Size(src.rows, src.cols), CV_MAKETYPE(IPL_DEPTH_8U, 3));
    ^~~~~~
AMC-detect.cc:534:46: error: 'CV_RETR_CCOMP' was not declared in this scope
cv::findContours(src, contours, hierarchy, CV_RETR_CCOMP, CV_CHAIN_APPROX_SIMPLE);
    ^~~~~~
AMC-detect.cc:534:61: error: 'CV_CHAIN_APPROX_SIMPLE' was not declared in this scope
cv::findContours(src, contours, hierarchy, CV_RETR_CCOMP, CV_CHAIN_APPROX_SIMPLE);
    ^~~~~~
AMC-detect.cc:573:51: error: 'CV_FILLED' was not declared in this scope
cv::drawContours(dst, contours, i, color, CV_FILLED);
    ^~~~~~
AMC-detect.cc:573:51: note: suggested alternative: 'CV_UNUSED'
cv::drawContours(dst, contours, i, color, CV_FILLED);
    ^~~~~~
CV_UNUSED
AMC-detect.cc:581:51: error: 'CV_FILLED' was not declared in this scope

```

```

cv::drawContours(dst, contours, i, color, CV_FILLED);
      ^~~~~~
AMC-detect.cc:581:51: note: suggested alternative: 'CV_UNUSED'
cv::drawContours(dst, contours, i, color, CV_FILLED);
      ^~~~~~
      CV_UNUSED
AMC-detect.cc:591:9: error: 'coins_int' was not declared in this scope
coins_int[i].x = (int)coins_x[i];
      ^~~~~~
AMC-detect.cc:591:9: note: suggested alternative: 'coins_x'
coins_int[i].x = (int)coins_x[i];
      ^~~~~~
coins_x
AMC-detect.cc:603:23: error: 'coins_int' was not declared in this scope
cv::line(dst, coins_int[i], coins_int[(i+1)%4], CV_RGB(255,255,255), 1, CV_AA);
      ^~~~~~
AMC-detect.cc:603:23: note: suggested alternative: 'coins_x'
cv::line(dst, coins_int[i], coins_int[(i+1)%4], CV_RGB(255,255,255), 1, CV_AA);
      ^~~~~~
coins_x
AMC-detect.cc:603:81: error: 'CV_AA' was not declared in this scope
cv::line(dst, coins_int[i], coins_int[(i+1)%4], CV_RGB(255,255,255), 1, CV_AA);
      ^~~~~~
AMC-detect.cc:603:81: note: suggested alternative: 'CV_8U'
cv::line(dst, coins_int[i], coins_int[(i+1)%4], CV_RGB(255,255,255), 1, CV_AA);
      ^~~~~~
      CV_8U
AMC-detect.cc:610:23: error: 'coins_int' was not declared in this scope
cv::line(dst, coins_int[i], coins_int[(i+1)%4], CV_RGB(193,29,27), 1, CV_AA);
      ^~~~~~
AMC-detect.cc:610:23: note: suggested alternative: 'coins_x'
cv::line(dst, coins_int[i], coins_int[(i+1)%4], CV_RGB(193,29,27), 1, CV_AA);
      ^~~~~~
coins_x
AMC-detect.cc:610:79: error: 'CV_AA' was not declared in this scope
cv::line(dst, coins_int[i], coins_int[(i+1)%4], CV_RGB(193,29,27), 1, CV_AA);
      ^~~~~~
AMC-detect.cc:610:79: note: suggested alternative: 'CV_8U'
cv::line(dst, coins_int[i], coins_int[(i+1)%4], CV_RGB(193,29,27), 1, CV_AA);
      ^~~~~~
      CV_8U
AMC-detect.cc:617:27: error: 'coins_int' was not declared in this scope
cv::line(illustr, coins_int[i], coins_int[(i+1)%4], BLEU, 1, CV_AA);
      ^~~~~~
AMC-detect.cc:617:27: note: suggested alternative: 'coins_x'
cv::line(illustr, coins_int[i], coins_int[(i+1)%4], BLEU, 1, CV_AA);
      ^~~~~~
coins_x
AMC-detect.cc:617:70: error: 'CV_AA' was not declared in this scope
cv::line(illustr, coins_int[i], coins_int[(i+1)%4], BLEU, 1, CV_AA);
      ^~~~~~
AMC-detect.cc:617:70: note: suggested alternative: 'CV_8U'
cv::line(illustr, coins_int[i], coins_int[(i+1)%4], BLEU, 1, CV_AA);

```

^~~~~

CV\_8U

AMC-detect.cc: In function 'void mesure\_case(cv::Mat, cv::Mat, int, int, int, int, int, double, int, double, double, double, double, linear\_transform\*, point\*, cv::Mat&, char\*, int)':

AMC-detect.cc:782:3: error: 'CvScalar' was not declared in this scope

CvScalar pixel;

^~~~~~

AMC-detect.cc:789:3: error: 'CvPoint' was not declared in this scope

CvPoint coins\_int[4];

^~~~~~

AMC-detect.cc:789:3: note: suggested alternative: 'point'

CvPoint coins\_int[4];

^~~~~~

point

AMC-detect.cc:804:7: error: 'coins\_int' was not declared in this scope

coins\_int[i].x = (int)coins[i].x;

^~~~~~

AMC-detect.cc:804:7: note: suggested alternative: 'coins'

coins\_int[i].x = (int)coins[i].x;

^~~~~~

coins

AMC-detect.cc:811:27: error: 'coins\_int' was not declared in this scope

cv::line(illustr, coins\_int[i], coins\_int[(i+1)%4], BLEU, 1, CV\_AA);

^~~~~~

AMC-detect.cc:811:27: note: suggested alternative: 'coins'

cv::line(illustr, coins\_int[i], coins\_int[(i+1)%4], BLEU, 1, CV\_AA);

^~~~~~

coins

AMC-detect.cc:811:70: error: 'CV\_AA' was not declared in this scope

cv::line(illustr, coins\_int[i], coins\_int[(i+1)%4], BLEU, 1, CV\_AA);

^~~~~

AMC-detect.cc:811:70: note: suggested alternative: 'CV\_8U'

cv::line(illustr, coins\_int[i], coins\_int[(i+1)%4], BLEU, 1, CV\_AA);

^~~~~

CV\_8U

AMC-detect.cc:821:10: error: 'coins\_int' was not declared in this scope

if(coins\_int[i].x < z\_xmin) z\_xmin = coins\_int[i].x;

^~~~~~

AMC-detect.cc:821:10: note: suggested alternative: 'coins'

if(coins\_int[i].x < z\_xmin) z\_xmin = coins\_int[i].x;

^~~~~~

coins

AMC-detect.cc:822:10: error: 'coins\_int' was not declared in this scope

if(coins\_int[i].x > z\_xmax) z\_xmax = coins\_int[i].x;

^~~~~~

AMC-detect.cc:822:10: note: suggested alternative: 'coins'

if(coins\_int[i].x > z\_xmax) z\_xmax = coins\_int[i].x;

^~~~~~

coins

AMC-detect.cc:823:10: error: 'coins\_int' was not declared in this scope

if(coins\_int[i].y < z\_ymin) z\_ymin = coins\_int[i].y;

^~~~~~

AMC-detect.cc:823:10: note: suggested alternative: 'coins'

```

if(coins_int[i].y < z_ymin) z_ymin = coins_int[i].y;
    ^~~~~~
coins
AMC-detect.cc:824:10: error: 'coins_int' was not declared in this scope
if(coins_int[i].y > z_ymax) z_ymax = coins_int[i].y;
    ^~~~~~
AMC-detect.cc:824:10: note: suggested alternative: 'coins'
if(coins_int[i].y > z_ymax) z_ymax = coins_int[i].y;
    ^~~~~~
coins
AMC-detect.cc:950:7: error: 'coins_int' was not declared in this scope
coins_int[i].x = (int)coins[i].x;
    ^~~~~~
AMC-detect.cc:950:7: note: suggested alternative: 'coins'
coins_int[i].x = (int)coins[i].x;
    ^~~~~~
coins
AMC-detect.cc:957:21: error: 'coins_int' was not declared in this scope
cv::line(dst, coins_int[i], coins_int[(i+1)%4], CV_RGB(255,255,255), 1, CV_AA);
    ^~~~~~
AMC-detect.cc:957:21: note: suggested alternative: 'coins'
cv::line(dst, coins_int[i], coins_int[(i+1)%4], CV_RGB(255,255,255), 1, CV_AA);
    ^~~~~~
coins
AMC-detect.cc:957:79: error: 'CV_AA' was not declared in this scope
cv::line(dst, coins_int[i], coins_int[(i+1)%4], CV_RGB(255,255,255), 1, CV_AA);
    ^~~~~
AMC-detect.cc:957:79: note: suggested alternative: 'CV_8U'
cv::line(dst, coins_int[i], coins_int[(i+1)%4], CV_RGB(255,255,255), 1, CV_AA);
    ^~~~~
CV_8U
AMC-detect.cc:966:27: error: 'coins_int' was not declared in this scope
cv::line(illustr, coins_int[i], coins_int[(i+1)%4], ROSE, 1, CV_AA);
    ^~~~~~
AMC-detect.cc:966:27: note: suggested alternative: 'coins'
cv::line(illustr, coins_int[i], coins_int[(i+1)%4], ROSE, 1, CV_AA);
    ^~~~~~
coins
AMC-detect.cc:966:70: error: 'CV_AA' was not declared in this scope
cv::line(illustr, coins_int[i], coins_int[(i+1)%4], ROSE, 1, CV_AA);
    ^~~~~
AMC-detect.cc:966:70: note: suggested alternative: 'CV_8U'
cv::line(illustr, coins_int[i], coins_int[(i+1)%4], ROSE, 1, CV_AA);
    ^~~~~
CV_8U
AMC-detect.cc: In function 'int main(int, char**)':
AMC-detect.cc:1122:62: error: 'cvGetErrStatus' was not declared in this scope
printf("! OpenCV error string: %s\n", cvErrorStr(cvGetErrStatus()));
    ^~~~~~
AMC-detect.cc:1122:51: error: 'cvErrorStr' was not declared in this scope
printf("! OpenCV error string: %s\n", cvErrorStr(cvGetErrStatus()));
    ^~~~~~
AMC-detect.cc:1122:51: note: suggested alternative: 'error_t'

```

```

printf("! OpenCV error string: %s\n", cvErrorStr(cvGetErrStatus()));
    ^~~~~~
    error_t
AMC-detect.cc:1137:62: error: 'cvGetErrStatus' was not declared in this scope
printf("! OpenCV error string: %s\n", cvErrorStr(cvGetErrStatus()));
    ^~~~~~
AMC-detect.cc:1137:51: error: 'cvErrorStr' was not declared in this scope
printf("! OpenCV error string: %s\n", cvErrorStr(cvGetErrStatus()));
    ^~~~~~
AMC-detect.cc:1137:51: note: suggested alternative: 'error_t'
printf("! OpenCV error string: %s\n", cvErrorStr(cvGetErrStatus()));
    ^~~~~~
    error_t
AMC-detect.cc:1295:98: error: 'CV_AA' was not declared in this scope
cv::putText(illustr, text, textpos, cv::FONT_HERSHEY_PLAIN, fh/14, BLEU, 1+(int)(fh/20), CV_AA);
    ^~~~~~
AMC-detect.cc:1295:98: note: suggested alternative: 'CV_8U'
cv::putText(illustr, text, textpos, cv::FONT_HERSHEY_PLAIN, fh/14, BLEU, 1+(int)(fh/20), CV_AA);
    ^~~~~~
    CV_8U
AMC-detect.cc:1330:19: error: 'cvGetErrStatus' was not declared in this scope
int error = cvGetErrStatus();
    ^~~~~~
AMC-detect.cc:1333:24: error: 'cvErrorStr' was not declared in this scope
errorMessage = cvErrorStr(error);
    ^~~~~~
AMC-detect.cc:1333:24: note: suggested alternative: 'error_t'
errorMessage = cvErrorStr(error);
    ^~~~~~
    error_t
make[1]: *** [Makefile:130: AMC-detect] Error 1
make[1]: Leaving directory '/home/ben/arch/auto-multiple-choice'
make: *** [Makefile:114: all] Error 2

```

</pre>

this kind of message is beyond my competences... I found some differences in AMC-detect.cc for version of opencv (1,2,3)

```

<pre>cat /usr/include/opencv4/opencv2/core/version.hpp
// This file is part of OpenCV project.
// It is subject to the license terms in the LICENSE file found in the top-level directory
// of this distribution and at http://opencv.org/license.html.

#ifndef OPENCV_VERSION_HPP
#define OPENCV_VERSION_HPP

#define CV_VERSION_MAJOR 4
#define CV_VERSION_MINOR 0
#define CV_VERSION_REVISION 0
#define CV_VERSION_STATUS ""

#define CVAUX_STR_EXP(__A) #__A

```

```
#define CVAUX_STR(__A)    CVAUX_STR_EXP(__A)

#define CVAUX_STRW_EXP(__A) L ## # __A
#define CVAUX_STRW(__A)  CVAUX_STRW_EXP(__A)

#define CV_VERSION      CVAUX_STR(CV_VERSION_MAJOR) "." CVAUX_STR(CV_VERSION_MINOR)
                        "." CVAUX_STR(CV_VERSION_REVISION) CV_VERSION_STATUS

/* old style version constants*/
#define CV_MAJOR_VERSION CV_VERSION_MAJOR
#define CV_MINOR_VERSION CV_VERSION_MINOR
#define CV_SUBMINOR_VERSION CV_VERSION_REVISION

#endif // OPENCV_VERSION_HPP
</pre>
```

some help could be great since amc is not working anymore in aur...

thanks you

## History

**12/06/2018 05:26 pm - Alexis Bienvenüe**

- File *AMC-detect.cc* added

Can you try to rebuild with the attached version of @AMC-detect.cc@?

**12/06/2018 06:05 pm - Benoit Landrieu**

Alexis Bienvenüe wrote:

> Can you try to rebuild with the attached version of @AMC-detect.cc@?

Hello Alexis,

Thanks to the quick reply as always ;)

less compilation error with the new file :

```
<pre>
make auto-multiple-choice auto-multiple-choice.desktop AMC-gui-apropos.glade AMC-gui.pl AMC-latex-link.pl AMC-perl/AMC/Basic.pm
doc/doc-xhtml-site.fr.xsl doc/doc-xhtml-site.ja.xsl doc/doc-xhtml-site.en.xsl doc/amcdocstyle.sty doc/doc-xhtml.xsl doc/auto-multiple-choice.en.xml
doc/auto-multiple-choice.fr.xml doc/auto-multiple-choice.ja.xml doc/sty/automultiplechoice.dtx
make[1]: Entering directory '/home/ben/arch/auto-multiple-choice'
make[1]: 'auto-multiple-choice' is up to date.
make[1]: 'auto-multiple-choice.desktop' is up to date.
make[1]: 'AMC-gui-apropos.glade' is up to date.
make[1]: 'AMC-gui.pl' is up to date.
make[1]: 'AMC-latex-link.pl' is up to date.
make[1]: 'AMC-perl/AMC/Basic.pm' is up to date.
make[1]: 'doc/doc-xhtml-site.fr.xsl' is up to date.
make[1]: 'doc/doc-xhtml-site.ja.xsl' is up to date.
make[1]: 'doc/doc-xhtml-site.en.xsl' is up to date.
make[1]: 'doc/amcdocstyle.sty' is up to date.
make[1]: 'doc/doc-xhtml.xsl' is up to date.

```



```

make[1]: 'doc/auto-multiple-choice.en.xml' is up to date.
make[1]: 'doc/auto-multiple-choice.fr.xml' is up to date.
make[1]: 'doc/auto-multiple-choice.ja.xml' is up to date.
make[1]: 'doc/sty/automultiplechoice.dtx' is up to date.
make[1]: Leaving directory '/home/ben/arch/auto-multiple-choice'
make AMC-detect AMC-buildpdf AMC-pdfformfields icons/auto-multiple-choice.xpm icons/auto-multiple-choice.svgz doc I18N
make[1]: Entering directory '/home/ben/arch/auto-multiple-choice'
gcc -o AMC-detect AMC-detect.cc -O2 -lstdc++ -lm -I/usr/include/opencv4/opencv -I/usr/include/opencv4 -lopencv_gapi -lopencv_stitching
-lopencv_aruco -lopencv_bgsegm -lopencv_bioinspired -lopencv_ccalib -lopencv_dnn_objdetect -lopencv_dpm -lopencv_face -lopencv_freetype
-lopencv_fuzzy -lopencv_hdf -lopencv_hfs -lopencv_img_hash -lopencv_line_descriptor -lopencv_reg -lopencv_rgd -lopencv_saliency -lopencv_stereo
-lopencv_structured_light -lopencv_phase_unwrapping -lopencv_superres -lopencv_optflow -lopencv_surface_matching -lopencv_tracking
-lopencv_datasets -lopencv_text -lopencv_dnn -lopencv_plot -lopencv_videostab -lopencv_video -lopencv_photo -lopencv_viz -lopencv_xfeatures2d
-lopencv_shape -lopencv_ml -lopencv_ximgproc -lopencv_xobjdetect -lopencv_objdetect -lopencv_calib3d -lopencv_features2d -lopencv_highgui
-lopencv_videoio -lopencv_imgcodecs -lopencv_flann -lopencv_xphoto -lopencv_imgproc -lopencv_core
In file included from /usr/include/opencv4/opencv2/core/cvdef.h:165,
      from /usr/include/opencv4/opencv2/core.hpp:52,
      from /usr/include/opencv4/opencv2/core/core.hpp:48,
      from AMC-detect.cc:40:
AMC-detect.cc: In function 'void calage(cv::Mat, cv::Mat, double, double, double, double, double, int, double*, double*, cv::Mat&, int)':
AMC-detect.cc:520:61: error: 'IPL_DEPTH_8U' was not declared in this scope
      dst = cv::Mat(cv::Size(src.rows, src.cols), CV_MAKETYPE(IPL_DEPTH_8U, 3));
      ^~~~~~
/usr/include/opencv4/opencv2/core/hal/interface.h:83:35: note: in definition of macro 'CV_MAT_DEPTH'
#define CV_MAT_DEPTH(flags) ((flags) & CV_MAT_DEPTH_MASK)
      ^~~~~
AMC-detect.cc:520:49: note: in expansion of macro 'CV_MAKETYPE'
      dst = cv::Mat(cv::Size(src.rows, src.cols), CV_MAKETYPE(IPL_DEPTH_8U, 3));
      ^~~~~~
AMC-detect.cc:520:61: note: suggested alternative: 'CV_DEPTH_MAX'
      dst = cv::Mat(cv::Size(src.rows, src.cols), CV_MAKETYPE(IPL_DEPTH_8U, 3));
      ^~~~~~
/usr/include/opencv4/opencv2/core/hal/interface.h:83:35: note: in definition of macro 'CV_MAT_DEPTH'
#define CV_MAT_DEPTH(flags) ((flags) & CV_MAT_DEPTH_MASK)
      ^~~~~
AMC-detect.cc:520:49: note: in expansion of macro 'CV_MAKETYPE'
      dst = cv::Mat(cv::Size(src.rows, src.cols), CV_MAKETYPE(IPL_DEPTH_8U, 3));
      ^~~~~~
AMC-detect.cc: In function 'void mesure_case(cv::Mat, cv::Mat, int, int, int, int, int, double, int, double, double, double, double, linear_transform*, point*,
cv::Mat&, char*, int)':
AMC-detect.cc:782:3: error: 'CvScalar' was not declared in this scope
      CvScalar pixel;
      ^~~~~~
make[1]: *** [Makefile:130: AMC-detect] Error 1
make[1]: Leaving directory '/home/ben/arch/auto-multiple-choice'
make: *** [Makefile:114: all] Error 2
</pre>

```

**12/06/2018 06:47 pm - Alexis Bienvenüe**

- File *AMC-detect.cc* added

Ok, thanks. New version for test.

12/06/2018 08:27 pm - Benoit Landrieu

Alexis Bienvenüe wrote:

> Ok, thanks. New version for test.

it goes beyond... I try installing

<pre>

community/ltk 1.2.0-1 [installed]

Libraries wrapping the LV2 C API and extensions into C++ classes

community/vtk 8.1.2-1 [installed]

A software system for 3D computer graphics, image processing, and visualization

</pre>

<pre>

/usr/bin/ld: warning: libhdf5.so.103, needed by /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so, not found (try using -rpath or -rpath-link)

/usr/bin/ld: warning: libGLEW.so.2.1, needed by /usr/lib/libvtkRenderingOpenGL2.so.1, not found (try using -rpath or -rpath-link)

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5P\_CLS\_DATASET\_CREATE\_ID\_g'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5Dread'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewDeleteQueries'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewBindBuffer'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_GLEW\_ARB\_texture\_rg'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGenRenderbuffers'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5Dget\_create\_plist'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewBindBufferBase'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewEndTransformFeedback'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5Aopen\_name'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5Eset\_auto2'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5Fcreate'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_GLEW\_VERSION\_3\_2'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewBufferData'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5T\_NATIVE\_UCHAR\_g'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewUniform3fv'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5Tget\_size'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5Pset\_chunk'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_GLEW\_EXT\_gpu\_shader4'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5Sselect\_hyperslab'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewUniformMatrix3fv'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5Pget\_layout'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewDeleteRenderbuffers'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5P\_CLS\_LINK\_ACCESS\_ID\_g'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewTexImage3D'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5Pget\_chunk'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGetShaderiv'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewTransformFeedbackVaryings'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewBindFragDataLocation'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_GLEW\_ARB\_texture\_float'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewDisableVertexAttribArray'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5Tinsert'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5Tequal'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libbopencv\_hdf.so: undefined reference to `H5check\_version'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewBlitFramebuffer'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewBeginQuery'

/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewFramebufferTexture2D'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Dget\_space'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_GLEW\_ARB\_vertex\_array\_object'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewUniform1f'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGenFramebuffers'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Tget\_array\_dims2'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewClampColor'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Aget\_space'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewDeleteProgram'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Tclose'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGetQueryObjectiv'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGenVertexArrays'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Fis\_hdf5'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGetFramebufferAttachmentParameteriv'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewMapBufferRange'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Dopen2'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewTexBuffer'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Dget\_type'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewBeginTransformFeedback'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewDeleteVertexArrays'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewShaderSource'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGetBufferPointerv'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5open'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewDeleteFramebuffers'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Sset\_extent\_simple'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5T\_NATIVE\_FLOAT\_g'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewDeleteShader'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewCheckFramebufferStatus'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewFramebufferRenderbuffer'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewDrawBuffers'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGetAttribLocation'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewQueryCounter'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5T\_NATIVE\_USHORT\_g'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Pcreate'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_GLEW\_ARB\_instanced\_arrays'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewUniform1fv'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Eget\_auto2'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewBlendEquation'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewVertexAttribPointer'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewBindVertexArray'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewEndQuery'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Aclose'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGetQueryObjectiv'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5T\_NATIVE\_INT32\_g'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewUseProgram'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Tset\_size'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewBindFramebuffer'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewFramebufferTexture3D'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Pclose'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Tarray\_create2'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_GLEW\_VERSION\_3\_1'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewRenderbufferStorage'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGetUniformLocation'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Screate\_simple'

/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Sget\_simple\_extent\_ndims'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Aget\_type'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5T\_NATIVE\_SCHAR\_g'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGetProgramiv'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGetShaderInfoLog'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewUniform2iv'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Screate'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewUniform2fv'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGenBuffers'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGetQueryObjectui64v'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Tcreate'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewUniformMatrix4fv'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Dwrite'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGenerateMipmap'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewTexImage2DMultisample'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewCreateProgram'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewBindRenderbuffer'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Awrite'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Dextend'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Fclose'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Tget\_super'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Gclose'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Tset\_strpad'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Tget\_native\_type'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewDeleteBuffers'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewCompileShader'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Aopen'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Lexists'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5T\_C\_S1\_g'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Gcreate2'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Tget\_class'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5T\_NATIVE\_INT\_g'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewMapBuffer'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Tcopy'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewUniform1i'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewRenderbufferStorageMultisample'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewVertexAttribDivisorARB'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewAttachShader'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGetProgramInfoLog'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewLinkProgram'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Sclose'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewUnmapBuffer'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5T\_NATIVE\_SHORT\_g'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewUniform4fv'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `glewIsSupported'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewDrawRangeElements'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5T\_NATIVE\_DOUBLE\_g'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Aread'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Dclose'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewGetRenderbufferParameteriv'  
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `\_\_glewEnableVertexAttribArray'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Sget\_simple\_extent\_dims'  
/usr/bin/ld: /usr/lib/gcc/x86\_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv\_hdf.so: undefined reference to `H5Dcreate2'

```

/usr/bin/ld: /usr/lib/gcc/x86_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv_hdf.so: undefined reference to `H5Pset_deflate'
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `__glewUniform1iv'
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `__glewCreateShader'
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `__glewGetStringi'
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `__glewGenQueries'
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `__glewDetachShader'
/usr/bin/ld: /usr/lib/gcc/x86_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv_hdf.so: undefined reference to `H5Fopen'
/usr/bin/ld: /usr/lib/gcc/x86_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv_hdf.so: undefined reference to `H5Adelete'
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `__glewActiveTexture'
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `__glewDrawElementsInstancedARB'
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `glewInit'
/usr/bin/ld: /usr/lib/gcc/x86_64-pc-linux-gnu/8.2.1/../../../../lib/libopencv_hdf.so: undefined reference to `H5Acreate2'
/usr/bin/ld: /usr/lib/libvtkRenderingOpenGL2.so.1: undefined reference to `__glewBlendFuncSeparate'
collect2: error: ld returned 1 exit status
make[1]: *** [Makefile:130: AMC-detect] Error 1
make[1]: Leaving directory '/home/ben/arch/gitlab/auto-multiple-choice'
make: *** [Makefile:114: all] Error 2
</pre>

```

**12/06/2018 08:35 pm - Alexis Bienvenüe**

It seems that @libhdf5@ and @libGLEW@ are missing: can you check that these libraries are installed, or install them?

**12/06/2018 09:43 pm - Benoit Landriou**

Alexis Bienvenüe wrote:

> It seems that @libhdf5@ and @libGLEW@ are missing: can you check that these libraries are installed, or install them?

```

<pre>
depends=('glew' 'dlatex' 'vtk' 'hdf5')
</pre>

```

works in progress, thanks you

make all\_precomp works

I made so far new amc.patch with all changes

make all is needed ?

```

<pre>
make all
make auto-multiple-choice auto-multiple-choice.desktop AMC-gui-apropos.glade AMC-gui.pl AMC-latex-link.pl AMC-perl/AMC/Basic.pm
doc/doc-xhtml-site.fr.xml doc/doc-xhtml-site.ja.xml doc/doc-xhtml-site.en.xml doc/amcdocstyle.sty doc/doc-xhtml.xml doc/auto-multiple-choice.en.xml
doc/auto-multiple-choice.fr.xml doc/auto-multiple-choice.ja.xml doc/sty/automultiplechoice.dtx
make[1]: Entering directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
make[1]: 'auto-multiple-choice' is up to date.
make[1]: 'auto-multiple-choice.desktop' is up to date.
make[1]: 'AMC-gui-apropos.glade' is up to date.
make[1]: 'AMC-gui.pl' is up to date.
make[1]: 'AMC-latex-link.pl' is up to date.
make[1]: 'AMC-perl/AMC/Basic.pm' is up to date.
make[1]: 'doc/doc-xhtml-site.fr.xml' is up to date.
make[1]: 'doc/doc-xhtml-site.ja.xml' is up to date.
make[1]: 'doc/doc-xhtml-site.en.xml' is up to date.
make[1]: 'doc/amcdocstyle.sty' is up to date.

```

```

make[1]: 'doc/doc-xhtml.xsl' is up to date.
make[1]: 'doc/auto-multiple-choice.en.xml' is up to date.
make[1]: 'doc/auto-multiple-choice.fr.xml' is up to date.
make[1]: 'doc/auto-multiple-choice.ja.xml' is up to date.
make[1]: 'doc/sty/automultiplechoice.dtx' is up to date.
make[1]: Leaving directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
make AMC-detect AMC-buildpdf AMC-pdfformfields icons/auto-multiple-choice.xpm icons/auto-multiple-choice.svgz doc l18N
make[1]: Entering directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
make[1]: 'AMC-detect' is up to date.
make[1]: 'AMC-buildpdf' is up to date.
make[1]: 'AMC-pdfformfields' is up to date.
rsvg-convert -w 32 -h 32 icons/auto-multiple-choice.svg -o icons/auto-multiple-choice.png
pngtopnm icons/auto-multiple-choice.png | pmttopnm > icons/auto-multiple-choice.xpm
pmttopnm: (Computing colormap...
pmttopnm: ...Done. 41 colors found.)
gzip -k -S z icons/auto-multiple-choice.svg
rsvg-convert -a -w 16 -h 16 icons/auto-multiple-choice.svg -o icons/auto-multiple-choice-16.png ; rsvg-convert -a -w 22 -h 22
icons/auto-multiple-choice.svg -o icons/auto-multiple-choice-22.png ; rsvg-convert -a -w 24 -h 24 icons/auto-multiple-choice.svg -o
icons/auto-multiple-choice-24.png ; rsvg-convert -a -w 32 -h 32 icons/auto-multiple-choice.svg -o icons/auto-multiple-choice-32.png ; rsvg-convert -a -w
48 -h 48 icons/auto-multiple-choice.svg -o icons/auto-multiple-choice-48.png ; rsvg-convert -a -w 256 -h 256 icons/auto-multiple-choice.svg -o
icons/auto-multiple-choice-256.png ; rsvg-convert -a -w 512 -h 512 icons/auto-multiple-choice.svg -o icons/auto-multiple-choice-512.png ;
make -C doc
make[2]: Entering directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2/doc'
dblatex -P latex.encoding=utf8 -b xetex -t tex -p custom.xml --textstyle=amcdocstyle --xslt-opts="--nonet" --xslt-opts="--catalogs"
auto-multiple-choice.ja.xml -o auto-multiple-choice.ja.tex
Build the book set list...
Build the listings...
XSLT stylesheets DocBook - LaTeX 2e (0.3.10)
=====
Image '\emph{\small{ h twidth=3cm h' not found
Image 'tiger' not found
'auto-multiple-choice.ja.tex' successfully built
rsvg-convert -f pdf img_src/warning.svg -o img_pdf/warning.pdf
Environment variable $SOURCE_DATE_EPOCH: No digits were found:
make[2]: *** [Makefile:55: img_pdf/warning.pdf] Error 1
rm img_pdf/warning.pdf auto-multiple-choice.ja.tex
make[2]: Leaving directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2/doc'
make[1]: *** [Makefile:161: doc] Error 2
rm icons/auto-multiple-choice.png
make[1]: Leaving directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
make: *** [Makefile:114: all] Error 2
</pre>

<pre>
amc-rc2 git:(master) makepkg -si
==> Making package: auto-multiple-choice 1.4.0~rc2-1 (Thu 06 Dec 2018 09:42:18 PM CET)
==> Checking runtime dependencies...
==> Checking buildtime dependencies...
==> Retrieving sources...
-> Found auto-multiple-choice-1.4.0-rc2.zip
-> Found amc2.patch
==> Validating source files with md5sums...
auto-multiple-choice-1.4.0-rc2.zip ... Skipped

```

```

amc2.patch ... Skipped
==> Extracting sources...
-> Extracting auto-multiple-choice-1.4.0-rc2.zip with bsdtar
==> Removing existing $pkgdir/ directory...
==> Starting build()...
patching file Makefile.conf
patching file Makefile
patching file AMC-detect.cc
make auto-multiple-choice auto-multiple-choice.desktop AMC-gui-apropos.glade AMC-gui.pl AMC-latex-link.pl AMC-perl/AMC/Basic.pm
doc/doc-xhtml-site.fr.xsl doc/doc-xhtml-site.ja.xsl doc/doc-xhtml-site.en.xsl doc/amcdocstyle.sty doc/doc-xhtml.xsl doc/auto-multiple-choice.en.xml
doc/auto-multiple-choice.fr.xml doc/auto-multiple-choice.ja.xml doc/sty/automultiplechoice.dtx
make[1]: Entering directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
Recording substitution variables from ./Makefile.conf
xsltproc --nonet authors-subst.xsl authors.xml >> vars-subst.pl
/usr/bin/perl -p vars-subst.pl auto-multiple-choice.in > auto-multiple-choice
/usr/bin/perl -p vars-subst.pl auto-multiple-choice.desktop.in > auto-multiple-choice.desktop
/usr/bin/perl -p vars-subst.pl AMC-gui-apropos.glade.in > AMC-gui-apropos.glade
/usr/bin/perl -p vars-subst.pl AMC-gui.pl.in > AMC-gui.pl
/usr/bin/perl -p vars-subst.pl AMC-latex-link.pl.in > AMC-latex-link.pl
/usr/bin/perl -p vars-subst.pl AMC-perl/AMC/Basic.pm.in > AMC-perl/AMC/Basic.pm
/usr/bin/perl -p vars-subst.pl doc/doc-xhtml-site.fr.xsl.in > doc/doc-xhtml-site.fr.xsl
/usr/bin/perl -p vars-subst.pl doc/doc-xhtml-site.ja.xsl.in > doc/doc-xhtml-site.ja.xsl
/usr/bin/perl -p vars-subst.pl doc/doc-xhtml-site.en.xsl.in > doc/doc-xhtml-site.en.xsl
/usr/bin/perl -p vars-subst.pl doc/amcdocstyle.sty.in > doc/amcdocstyle.sty
/usr/bin/perl -p vars-subst.pl doc/doc-xhtml.xsl.in > doc/doc-xhtml.xsl
/usr/bin/perl -p vars-subst.pl doc/auto-multiple-choice.en.in.xml > doc/auto-multiple-choice.en.xml
/usr/bin/perl -p vars-subst.pl doc/auto-multiple-choice.fr.in.xml > doc/auto-multiple-choice.fr.xml
/usr/bin/perl -p vars-subst.pl doc/auto-multiple-choice.ja.in.xml > doc/auto-multiple-choice.ja.xml
/usr/bin/perl -p vars-subst.pl doc/sty/automultiplechoice.dtx.in > doc/sty/automultiplechoice.dtx
make[1]: Leaving directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
make AMC-detect AMC-buildpdf AMC-pdfformfields
make[1]: Entering directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
gcc -o AMC-detect AMC-detect.cc -D_FORTIFY_SOURCE=2 -march=x86-64 -mtune=generic -O2 -pipe -fstack-protector-strong -fno-plt
-Wl,-O1,--sort-common,--as-needed,-z,relro,-z,now -lstdc++ -lm -l/usr/include/opencv4/opencv -l/usr/include/opencv4 -lopencv_gapi -lopencv_stitching
-opencv_aruco -lopencv_bgsegm -lopencv_bioinspired -lopencv_ccalib -lopencv_dnn_objdetect -lopencv_dpm -lopencv_face -lopencv_freetype
-opencv_fuzzy -lopencv_hdf -lopencv_hfs -lopencv_img_hash -lopencv_line_descriptor -lopencv_reg -lopencv_rgbd -lopencv_saliency -lopencv_stereo
-opencv_structured_light -lopencv_phase_unwrapping -lopencv_superres -lopencv_optflow -lopencv_surface_matching -lopencv_tracking
-opencv_datasets -lopencv_text -lopencv_dnn -lopencv_plot -lopencv_videostab -lopencv_video -lopencv_photo -lopencv_viz -lopencv_xfeatures2d
-opencv_shape -lopencv_ml -lopencv_ximgproc -lopencv_xobjdetect -lopencv_objdetect -lopencv_calib3d -lopencv_features2d -lopencv_highgui
-opencv_videoio -lopencv_imgcodecs -lopencv_flann -lopencv_xphoto -lopencv_imgproc -lopencv_core
gcc -o AMC-buildpdf AMC-buildpdf.cc -D_FORTIFY_SOURCE=2 -march=x86-64 -mtune=generic -O2 -pipe -fstack-protector-strong -fno-plt
-Wl,-O1,--sort-common,--as-needed,-z,relro,-z,now -lstdc++ -lm -l/usr/include/cairo -l/usr/include/glib-2.0 -l/usr/lib/glib-2.0/include
-l/usr/lib/libffi-3.2.1/include -l/usr/include/pixman-1 -l/usr/include/freetype2 -l/usr/include/libpng16 -l/usr/include/harfbuzz -l/usr/include/uuid
-l/usr/include/pango-1.0 -l/usr/include/frididi -l/usr/include/poppler/glib -l/usr/include/poppler -lpangocairo-1.0 -lpango-1.0 -lpoppler-glib -lgobject-2.0
-lglib-2.0 -lcairo -l/usr/include/opencv4/opencv -l/usr/include/opencv4 -lopencv_gapi -lopencv_stitching -lopencv_aruco -lopencv_bgsegm
-opencv_bioinspired -lopencv_ccalib -lopencv_dnn_objdetect -lopencv_dpm -lopencv_face -lopencv_freetype -lopencv_fuzzy -lopencv_hdf
-opencv_hfs -lopencv_img_hash -lopencv_line_descriptor -lopencv_reg -lopencv_rgbd -lopencv_saliency -lopencv_stereo -lopencv_structured_light
-opencv_phase_unwrapping -lopencv_superres -lopencv_optflow -lopencv_surface_matching -lopencv_tracking -lopencv_datasets -lopencv_text
-opencv_dnn -lopencv_plot -lopencv_videostab -lopencv_video -lopencv_photo -lopencv_viz -lopencv_xfeatures2d -lopencv_shape -lopencv_ml
-opencv_ximgproc -lopencv_xobjdetect -lopencv_objdetect -lopencv_calib3d -lopencv_features2d -lopencv_highgui -lopencv_videoio
-opencv_imgcodecs -lopencv_flann -lopencv_xphoto -lopencv_imgproc -lopencv_core
gcc -o AMC-pdfformfields pdfformfields.c -D_FORTIFY_SOURCE=2 -march=x86-64 -mtune=generic -O2 -pipe -fstack-protector-strong -fno-plt
-Wl,-O1,--sort-common,--as-needed,-z,relro,-z,now -lstdc++ -lm -l/usr/include/poppler/glib -l/usr/include/glib-2.0 -l/usr/lib/glib-2.0/include

```

```

-l/usr/lib/libffi-3.2.1/include -l/usr/include/cairo -l/usr/include/pixman-1 -l/usr/include/freetype2 -l/usr/include/libpng16 -l/usr/include/harfbuzz
-l/usr/include/uuid -l/usr/include/poppler -pthread -l/usr/include/libmount -l/usr/include/blkid -lpoppler-glib -lcairo -lgio-2.0 -lgobject-2.0 -lglib-2.0
make[1]: Leaving directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
==> Entering fakeroot environment...
==> Starting package_auto-multiple-choice()...
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ar
install -m 0644 -o root -g root doc/modeles/ar/*.tgz /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ar
install: cannot stat 'doc/modeles/ar/*.tgz': No such file or directory
make: [Makefile:219: install_models_ar] Error 1 (ignored)
install -m 0644 -o root -g root doc/modeles/ar/*.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ar
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/en
install -m 0644 -o root -g root doc/modeles/en/*.tgz /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/en
install: cannot stat 'doc/modeles/en/*.tgz': No such file or directory
make: [Makefile:219: install_models_en] Error 1 (ignored)
install -m 0644 -o root -g root doc/modeles/en/*.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/en
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/fr
install -m 0644 -o root -g root doc/modeles/fr/*.tgz /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/fr
install: cannot stat 'doc/modeles/fr/*.tgz': No such file or directory
make: [Makefile:219: install_models_fr] Error 1 (ignored)
install -m 0644 -o root -g root doc/modeles/fr/*.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/fr
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ja
install -m 0644 -o root -g root doc/modeles/ja/*.tgz /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ja
install: cannot stat 'doc/modeles/ja/*.tgz': No such file or directory
make: [Makefile:219: install_models_ja] Error 1 (ignored)
install -m 0644 -o root -g root doc/modeles/ja/*.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ja
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/mime/packages
install -m 0644 -o root -g root interfaces/auto-multiple-choice.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/mime/packages
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/gtksourceview-3.0/language-specs
install -m 0644 -o root -g root interfaces/amc-txt.lang /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/gtksourceview-3.0/language-specs
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/perl
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/exec
install -m 0755 -o root -g root AMC-*.pl /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/perl
install -m 0755 -o root -g root AMC-detect AMC-buildpdf AMC-pdfformfields /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/exec
install -m 0644 -o root -g root AMC-gui-apropos.glade AMC-gui-cleanup.glade AMC-gui-saisie_auto.glade AMC-gui-choix_pages_impression.glade
AMC-gui-mailing.glade AMC-gui-unrecognized.glade AMC-gui-source_latex_choix_zip.glade AMC-gui-liste_dialog.glade AMC-gui-main_window.glade
AMC-gui-overwritten.glade AMC-gui-choose_students.glade AMC-gui-source_latex_dialog.glade AMC-gui-edit_preferences.glade
AMC-gui-choose-mode.glade AMC-gui-make_template.glade AMC-gui-choix_postcorrect.glade AMC-gui-choose_columns.glade
AMC-gui-source_latex_modele.glade AMC-gui-filter_details.glade AMC-gui-choix_projet.glade AMC-gui-source_latex_choix.glade
/home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/perl
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/texmf/tex/latex/AMC
install -m 0644 -o root -g root doc/sty/automultiplechoice.sty /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/texmf/tex/latex/AMC
install: cannot stat 'doc/sty/automultiplechoice.sty': No such file or directory
make: *** [Makefile:238: install_nodoc] Error 1
==> ERROR: A failure occurred in package_auto-multiple-choice().
Aborting...
</pre>

```

12/06/2018 10:33 pm - Alexis Bienvenüe

> make all is needed ?

If you use the @\_dist.tar.gz@ archive, @make all@ is not needed: @make all\_precomp@ is enough, and you should then be able to run @make install@.



12/06/2018 10:46 pm - Benoit Landrieu

Alexis Bienvenüe wrote:

> > make all is needed ?

> If you use the @\_dist.tar.gz@ archive, @make all@ is not needed: @make all\_precomp@ is enough, and you should then be able to run @make install@.

ok result of command in local aur git (with new amc.patch)

```
<pre>
makepkg -si
==> Making package: auto-multiple-choice 1.4.0-rc2-1 (Thu 06 Dec 2018 10:43:16 PM CET)
==> Checking runtime dependencies...
==> Checking buildtime dependencies...
==> Retrieving sources...
-> Found auto-multiple-choice-1.4.0-rc2.zip
-> Found amc2.patch
==> Validating source files with md5sums...
    auto-multiple-choice-1.4.0-rc2.zip ... Skipped
    amc2.patch ... Skipped
==> Extracting sources...
-> Extracting auto-multiple-choice-1.4.0-rc2.zip with bsdtar
==> Removing existing $pkgdir/ directory...
==> Starting build()...
patching file Makefile.conf
patching file Makefile
patching file AMC-detect.cc
make auto-multiple-choice auto-multiple-choice.desktop AMC-gui-apropos.glade AMC-gui.pl AMC-latex-link.pl AMC-perl/AMC/Basic.pm
doc/doc-xhtml-site.fr.xsl doc/doc-xhtml-site.ja.xsl doc/doc-xhtml-site.en.xsl doc/amcdocstyle.sty doc/doc-xhtml.xsl doc/auto-multiple-choice.en.xml
doc/auto-multiple-choice.fr.xml doc/auto-multiple-choice.ja.xml doc/sty/automultiplechoice.dtx
make[1]: Entering directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
Recording substitution variables from ./Makefile.conf
xsltproc --nonet authors-subst.xsl authors.xml >> vars-subst.pl
/usr/bin/perl -p vars-subst.pl auto-multiple-choice.in > auto-multiple-choice
/usr/bin/perl -p vars-subst.pl auto-multiple-choice.desktop.in > auto-multiple-choice.desktop
/usr/bin/perl -p vars-subst.pl AMC-gui-apropos.glade.in > AMC-gui-apropos.glade
/usr/bin/perl -p vars-subst.pl AMC-gui.pl.in > AMC-gui.pl
/usr/bin/perl -p vars-subst.pl AMC-latex-link.pl.in > AMC-latex-link.pl
/usr/bin/perl -p vars-subst.pl AMC-perl/AMC/Basic.pm.in > AMC-perl/AMC/Basic.pm
/usr/bin/perl -p vars-subst.pl doc/doc-xhtml-site.fr.xsl.in > doc/doc-xhtml-site.fr.xsl
/usr/bin/perl -p vars-subst.pl doc/doc-xhtml-site.ja.xsl.in > doc/doc-xhtml-site.ja.xsl
/usr/bin/perl -p vars-subst.pl doc/doc-xhtml-site.en.xsl.in > doc/doc-xhtml-site.en.xsl
/usr/bin/perl -p vars-subst.pl doc/amcdocstyle.sty.in > doc/amcdocstyle.sty
/usr/bin/perl -p vars-subst.pl doc/doc-xhtml.xsl.in > doc/doc-xhtml.xsl
/usr/bin/perl -p vars-subst.pl doc/auto-multiple-choice.en.in.xml > doc/auto-multiple-choice.en.xml
/usr/bin/perl -p vars-subst.pl doc/auto-multiple-choice.fr.in.xml > doc/auto-multiple-choice.fr.xml
/usr/bin/perl -p vars-subst.pl doc/auto-multiple-choice.ja.in.xml > doc/auto-multiple-choice.ja.xml
/usr/bin/perl -p vars-subst.pl doc/sty/automultiplechoice.dtx.in > doc/sty/automultiplechoice.dtx
make[1]: Leaving directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
make AMC-detect AMC-buildpdf AMC-pdfformfields
make[1]: Entering directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
gcc -o AMC-detect AMC-detect.cc -D_FORTIFY_SOURCE=2 -march=x86-64 -mtune=generic -O2 -pipe -fstack-protector-strong -fno-plt
-Wl,-O1,--sort-common,--as-needed,-z,relro,-z,now -lstdc++ -lm -l/usr/include/opencv4/opencv -l/usr/include/opencv4 -lopencv_gapi -lopencv_stitching
-lopencv_aruco -lopencv_bgsegm -lopencv_bioinspired -lopencv_ccalib -lopencv_dnn_objdetect -lopencv_dpm -lopencv_face -lopencv_freetype
```

```

-lopencv_fuzzy -lopencv_hdf -lopencv_hfs -lopencv_img_hash -lopencv_line_descriptor -lopencv_reg -lopencv_rgbd -lopencv_saliency -lopencv_stereo
-lopencv_structured_light -lopencv_phase_unwrapping -lopencv_superres -lopencv_optflow -lopencv_surface_matching -lopencv_tracking
-lopencv_datasets -lopencv_text -lopencv_dnn -lopencv_plot -lopencv_videostab -lopencv_video -lopencv_photo -lopencv_viz -lopencv_xfeatures2d
-lopencv_shape -lopencv_ml -lopencv_ximgproc -lopencv_xobjdetect -lopencv_objdetect -lopencv_calib3d -lopencv_features2d -lopencv_highgui
-lopencv_videoio -lopencv_imgcodecs -lopencv_flann -lopencv_xphoto -lopencv_imgproc -lopencv_core
gcc -o AMC-buildpdf AMC-buildpdf.cc -D_FORTIFY_SOURCE=2 -march=x86-64 -mtune=generic -O2 -pipe -fstack-protector-strong -fno-plt
-Wl,-O1,--sort-common,--as-needed,-z,relro,-z,now -lstdc++ -lm -l/usr/include/cairo -l/usr/include/glib-2.0 -l/usr/lib/glib-2.0/include
-l/usr/lib/libffi-3.2.1/include -l/usr/include/pixman-1 -l/usr/include/freetype2 -l/usr/include/libpng16 -l/usr/include/harfbuzz -l/usr/include/uuid
-l/usr/include/pango-1.0 -l/usr/include/fridibi -l/usr/include/poppler/glib -l/usr/include/poppler -lpangocairo-1.0 -lpango-1.0 -lpoppler-glib -lgobject-2.0
-lglib-2.0 -lcairo -l/usr/include/opencv4/opencv -l/usr/include/opencv4 -lopencv_gapi -lopencv_stitching -lopencv_aruco -lopencv_bgsegm
-lopencv_bioinspired -lopencv_ccalib -lopencv_dnn_objdetect -lopencv_dpm -lopencv_face -lopencv_freetype -lopencv_fuzzy -lopencv_hdf
-lopencv_hfs -lopencv_img_hash -lopencv_line_descriptor -lopencv_reg -lopencv_rgbd -lopencv_saliency -lopencv_stereo -lopencv_structured_light
-lopencv_phase_unwrapping -lopencv_superres -lopencv_optflow -lopencv_surface_matching -lopencv_tracking -lopencv_datasets -lopencv_text
-lopencv_dnn -lopencv_plot -lopencv_videostab -lopencv_video -lopencv_photo -lopencv_viz -lopencv_xfeatures2d -lopencv_shape -lopencv_ml
-lopencv_ximgproc -lopencv_xobjdetect -lopencv_objdetect -lopencv_calib3d -lopencv_features2d -lopencv_highgui -lopencv_videoio
-lopencv_imgcodecs -lopencv_flann -lopencv_xphoto -lopencv_imgproc -lopencv_core
gcc -o AMC-pdfformfields pdfformfields.c -D_FORTIFY_SOURCE=2 -march=x86-64 -mtune=generic -O2 -pipe -fstack-protector-strong -fno-plt
-Wl,-O1,--sort-common,--as-needed,-z,relro,-z,now -lstdc++ -lm -l/usr/include/poppler/glib -l/usr/include/glib-2.0 -l/usr/lib/glib-2.0/include
-l/usr/lib/libffi-3.2.1/include -l/usr/include/cairo -l/usr/include/pixman-1 -l/usr/include/freetype2 -l/usr/include/libpng16 -l/usr/include/harfbuzz
-l/usr/include/uuid -l/usr/include/poppler -pthread -l/usr/include/libmount -l/usr/include/blkid -lpoppler-glib -lcairo -lgio-2.0 -lgobject-2.0 -lglib-2.0
make[1]: Leaving directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
==> Entering fakeroot environment...
==> Starting package_auto-multiple-choice()...
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ar
install -m 0644 -o root -g root doc/modeles/ar/*.tgz /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ar
install: cannot stat 'doc/modeles/ar/*.tgz': No such file or directory
make: [Makefile:219: install_models_ar] Error 1 (ignored)
install -m 0644 -o root -g root doc/modeles/ar/*.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ar
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/en
install -m 0644 -o root -g root doc/modeles/en/*.tgz /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/en
install: cannot stat 'doc/modeles/en/*.tgz': No such file or directory
make: [Makefile:219: install_models_en] Error 1 (ignored)
install -m 0644 -o root -g root doc/modeles/en/*.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/en
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/fr
install -m 0644 -o root -g root doc/modeles/fr/*.tgz /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/fr
install: cannot stat 'doc/modeles/fr/*.tgz': No such file or directory
make: [Makefile:219: install_models_fr] Error 1 (ignored)
install -m 0644 -o root -g root doc/modeles/fr/*.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/fr
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ja
install -m 0644 -o root -g root doc/modeles/ja/*.tgz /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ja
install: cannot stat 'doc/modeles/ja/*.tgz': No such file or directory
make: [Makefile:219: install_models_ja] Error 1 (ignored)
install -m 0644 -o root -g root doc/modeles/ja/*.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ja
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/mime/packages
install -m 0644 -o root -g root interfaces/auto-multiple-choice.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/mime/packages
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/gtksourceview-3.0/language-specs
install -m 0644 -o root -g root interfaces/amc-txt.lang /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/gtksourceview-3.0/language-specs
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/perl
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/exec
install -m 0755 -o root -g root AMC-*.pl /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/perl
install -m 0755 -o root -g root AMC-detect AMC-buildpdf AMC-pdfformfields /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/exec
install -m 0644 -o root -g root AMC-gui-apropos.glade AMC-gui-cleanup.glade AMC-gui-saisie_auto.glade AMC-gui-choix_pages_impression.glade

```

```

AMC-gui-mailing.glade AMC-gui-unrecognized.glade AMC-gui-source_latex_choix_zip.glade AMC-gui-liste_dialog.glade AMC-gui-main_window.glade
AMC-gui-overwritten.glade AMC-gui-choose_students.glade AMC-gui-source_latex_dialog.glade AMC-gui-edit_preferences.glade
AMC-gui-choose-mode.glade AMC-gui-make_template.glade AMC-gui-choix_postcorrect.glade AMC-gui-choose_columns.glade
AMC-gui-source_latex_modele.glade AMC-gui-filter_details.glade AMC-gui-choix_projet.glade AMC-gui-source_latex_choix.glade
/home/ben/arch/amc-rc2/pkg/auto-multiple-choice///usr/lib/AMC/perl
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice///usr/share/texmf/tex/latex/AMC
install -m 0644 -o root -g root doc/sty/automultiplechoice.sty /home/ben/arch/amc-rc2/pkg/auto-multiple-choice///usr/share/texmf/tex/latex/AMC
install: cannot stat 'doc/sty/automultiplechoice.sty': No such file or directory
make: *** [Makefile:238: install_nodoc] Error 1

```

```

</pre>
<pre>
#Maintainer : Benoit LANDRIEU
#Contributor : Thomas LEGRAND
#Contributor : Alexis Bienvenue
#Contributor : fabmen

pkgbase='auto-multiple-choice'
pkgname='auto-multiple-choice'
pkgver='1.4.0~rc2'
pkgrel='1'
pkgdesc="AMC est un ensemble d'utilitaires permettant de créer, gérer et corriger automatiquement des questionnaires à choix multiples (QCM)"
arch=('i686' 'x86_64')
url='http://auto-multiple-choice.net/'
license=('GPL')

depends=('perl' 'perl-glib-object-introspection'
'perl-locale-gettext' 'perl-xml-writer' 'perl-xml-simple'
'perl-dbd-sqlite' 'perl-file-mimeinfo' 'ttf-linux-libertine'
'perl-text-csv' 'perl-dbi' 'perl-archive-zip'
'graphicsmagick' 'texlive-bin' 'texlive-core'
'gtk2-perl' 'netpbm' 'opencv' 'poppler' 'poppler-glib' 'perl-clone'
'perl-gtk3'
'glew' 'dlatex' 'vtk' 'hdf5')

source=('https://gitlab.com/jojo_boulix/auto-multiple-choice/-/archive/1.4.0-rc2/auto-multiple-choice-1.4.0-rc2.zip'
'amc2.patch')

md5sums=('SKIP'
'SKIP')

build() {
#cd "$srcdir"/$pkgbase-$pkgver
cd auto-multiple-choice-1.4.0-rc2
patch -p 1 < "$srcdir"/amc2.patch"
make all_precomp|| return 1
}

package_auto-multiple-choice(){
install='amc.install'
cd auto-multiple-choice-1.4.0-rc2
make DESTDIR="$pkgdir/" install
}

```

</pre>

**12/07/2018 06:08 pm - Alexis Bienvenüe**

Can you check that the contents of your @zip@ file are the same as those from the @\_dist.tar.gz@ file from [https://gitlab.com/jojo\\_boulix/auto-multiple-choice/tags?](https://gitlab.com/jojo_boulix/auto-multiple-choice/tags?)

The @\_dist.tar.gz@ file is not a pure source archive, but contains generated documentation. The only files to build from it are the executables, so that a @make@ should be sufficient (this corresponds to the @all\_precomp@ target) — also followed by @make install@.

**12/08/2018 03:50 am - Benoit Landrieu**

Alexis Bienvenüe wrote:

> Can you check that the contents of your @zip@ file are the same as those from the @\_dist.tar.gz@ file from [https://gitlab.com/jojo\\_boulix/auto-multiple-choice/tags?](https://gitlab.com/jojo_boulix/auto-multiple-choice/tags?)

> The @\_dist.tar.gz@ file is not a pure source archive, but contains generated documentation. The only files to build from it are the executables, so that a @make@ should be sufficient (this corresponds to the @all\_precomp@ target) — also followed by @make install@.

make works but not makepkg -si

<pre>

```
❏ amc-rc2 git:(master) ❏ makepkg -si
==> Making package: auto-multiple-choice 1.4.0~rc2-1 (Sat 08 Dec 2018 03:49:49 AM CET)
==> Checking runtime dependencies...
==> Checking buildtime dependencies...
==> Retrieving sources...
-> Downloading auto-multiple-choice-1.4.0-rc2.zip...
% Total % Received % Xferd Average Speed Time Time Time Current
      Dload Upload Total Spent Left Speed
100 5341k 100 5341k 0 0 1284k 0 0:00:04 0:00:04 --:--:-- 1284k
-> Found amc2.patch
==> Validating source files with md5sums...
  auto-multiple-choice-1.4.0-rc2.zip ... Skipped
  amc2.patch ... Skipped
==> Extracting sources...
-> Extracting auto-multiple-choice-1.4.0-rc2.zip with bsdtar
==> Starting build()...
patching file Makefile.conf
patching file Makefile
patching file AMC-detect.cc
make auto-multiple-choice auto-multiple-choice.desktop AMC-gui-apropos.glade AMC-gui.pl AMC-latex-link.pl AMC-perl/AMC/Basic.pm
doc/doc-xhtml-site.fr.xsl doc/doc-xhtml-site.ja.xsl doc/doc-xhtml-site.en.xsl doc/amcdocstyle.sty doc/doc-xhtml.xsl doc/auto-multiple-choice.en.xml
doc/auto-multiple-choice.fr.xml doc/auto-multiple-choice.ja.xml doc/sty/automultiplechoice.dtx
make[1]: Entering directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
Recording substitution variables from ./Makefile.conf
xsltproc --nonet authors-subst.xsl authors.xml >> vars-subst.pl
/usr/bin/perl -p vars-subst.pl auto-multiple-choice.in > auto-multiple-choice
/usr/bin/perl -p vars-subst.pl auto-multiple-choice.desktop.in > auto-multiple-choice.desktop
/usr/bin/perl -p vars-subst.pl AMC-gui-apropos.glade.in > AMC-gui-apropos.glade
/usr/bin/perl -p vars-subst.pl AMC-gui.pl.in > AMC-gui.pl
/usr/bin/perl -p vars-subst.pl AMC-latex-link.pl.in > AMC-latex-link.pl
/usr/bin/perl -p vars-subst.pl AMC-perl/AMC/Basic.pm.in > AMC-perl/AMC/Basic.pm
/usr/bin/perl -p vars-subst.pl doc/doc-xhtml-site.fr.xsl.in > doc/doc-xhtml-site.fr.xsl
/usr/bin/perl -p vars-subst.pl doc/doc-xhtml-site.ja.xsl.in > doc/doc-xhtml-site.ja.xsl
/usr/bin/perl -p vars-subst.pl doc/doc-xhtml-site.en.xsl.in > doc/doc-xhtml-site.en.xsl
/usr/bin/perl -p vars-subst.pl doc/amcdocstyle.sty.in > doc/amcdocstyle.sty
```

```

/usr/bin/perl -p vars-subst.pl doc/doc-xhtml.xml.in > doc/doc-xhtml.xml
/usr/bin/perl -p vars-subst.pl doc/auto-multiple-choice.en.in.xml > doc/auto-multiple-choice.en.xml
/usr/bin/perl -p vars-subst.pl doc/auto-multiple-choice.fr.in.xml > doc/auto-multiple-choice.fr.xml
/usr/bin/perl -p vars-subst.pl doc/auto-multiple-choice.ja.in.xml > doc/auto-multiple-choice.ja.xml
/usr/bin/perl -p vars-subst.pl doc/sty/automultiplechoice.dtx.in > doc/sty/automultiplechoice.dtx
make[1]: Leaving directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
make AMC-detect AMC-buildpdf AMC-pdfformfields
make[1]: Entering directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
gcc -o AMC-detect AMC-detect.cc -D_FORTIFY_SOURCE=2 -march=x86-64 -mtune=generic -O2 -pipe -fstack-protector-strong -fno-plt
-Wl,-O1,--sort-common,--as-needed,-z,relro,-z,now -lstdc++ -lm -l/usr/include/opencv4/opencv -l/usr/include/opencv4 -lopencv_gapi -lopencv_stitching
-lopencv_aruco -lopencv_bgsegm -lopencv_bioinspired -lopencv_ccalib -lopencv_dnn_objdetect -lopencv_dpm -lopencv_face -lopencv_freetype
-lopencv_fuzzy -lopencv_hdf -lopencv_hfs -lopencv_img_hash -lopencv_line_descriptor -lopencv_reg -lopencv_rgbd -lopencv_saliency -lopencv_stereo
-lopencv_structured_light -lopencv_phase_unwrapping -lopencv_superres -lopencv_optflow -lopencv_surface_matching -lopencv_tracking
-lopencv_datasets -lopencv_text -lopencv_dnn -lopencv_plot -lopencv_videostab -lopencv_video -lopencv_photo -lopencv_viz -lopencv_xfeatures2d
-lopencv_shape -lopencv_ml -lopencv_ximgproc -lopencv_xobjdetect -lopencv_objdetect -lopencv_calib3d -lopencv_features2d -lopencv_highgui
-lopencv_videoio -lopencv_imgcodecs -lopencv_flann -lopencv_xphoto -lopencv_imgproc -lopencv_core
gcc -o AMC-buildpdf AMC-buildpdf.cc -D_FORTIFY_SOURCE=2 -march=x86-64 -mtune=generic -O2 -pipe -fstack-protector-strong -fno-plt
-Wl,-O1,--sort-common,--as-needed,-z,relro,-z,now -lstdc++ -lm -l/usr/include/cairo -l/usr/include/glib-2.0 -l/usr/lib/glib-2.0/include
-l/usr/lib/libffi-3.2.1/include -l/usr/include/pixman-1 -l/usr/include/freetype2 -l/usr/include/libpng16 -l/usr/include/harfbuzz -l/usr/include/uuid
-l/usr/include/pango-1.0 -l/usr/include/fridbi -l/usr/include/poppler/glib -l/usr/include/poppler -lpangocairo-1.0 -lpango-1.0 -lpoppler-glib -lgobject-2.0
-lglib-2.0 -lcairo -l/usr/include/opencv4/opencv -l/usr/include/opencv4 -lopencv_gapi -lopencv_stitching -lopencv_aruco -lopencv_bgsegm
-lopencv_bioinspired -lopencv_ccalib -lopencv_dnn_objdetect -lopencv_dpm -lopencv_face -lopencv_freetype -lopencv_fuzzy -lopencv_hdf
-lopencv_hfs -lopencv_img_hash -lopencv_line_descriptor -lopencv_reg -lopencv_rgbd -lopencv_saliency -lopencv_stereo -lopencv_structured_light
-lopencv_phase_unwrapping -lopencv_superres -lopencv_optflow -lopencv_surface_matching -lopencv_tracking -lopencv_datasets -lopencv_text
-lopencv_dnn -lopencv_plot -lopencv_videostab -lopencv_video -lopencv_photo -lopencv_viz -lopencv_xfeatures2d -lopencv_shape -lopencv_ml
-lopencv_ximgproc -lopencv_xobjdetect -lopencv_objdetect -lopencv_calib3d -lopencv_features2d -lopencv_highgui -lopencv_videoio
-lopencv_imgcodecs -lopencv_flann -lopencv_xphoto -lopencv_imgproc -lopencv_core
gcc -o AMC-pdfformfields pdfformfields.c -D_FORTIFY_SOURCE=2 -march=x86-64 -mtune=generic -O2 -pipe -fstack-protector-strong -fno-plt
-Wl,-O1,--sort-common,--as-needed,-z,relro,-z,now -lstdc++ -lm -l/usr/include/poppler/glib -l/usr/include/glib-2.0 -l/usr/lib/glib-2.0/include
-l/usr/lib/libffi-3.2.1/include -l/usr/include/cairo -l/usr/include/pixman-1 -l/usr/include/freetype2 -l/usr/include/libpng16 -l/usr/include/harfbuzz
-l/usr/include/uuid -l/usr/include/poppler -pthread -l/usr/include/libmount -l/usr/include/blkid -lpoppler-glib -lcairo -lgio-2.0 -lgobject-2.0 -lglib-2.0
make[1]: Leaving directory '/home/ben/arch/amc-rc2/src/auto-multiple-choice-1.4.0-rc2'
==> Entering fakeroot environment...
==> Starting package_auto-multiple-choice()...
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ar
install -m 0644 -o root -g root doc/modeles/ar/*.tgz /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ar
install: cannot stat 'doc/modeles/ar/*.tgz': No such file or directory
make: [Makefile:219: install_models_ar] Error 1 (ignored)
install -m 0644 -o root -g root doc/modeles/ar/*.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ar
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/en
install -m 0644 -o root -g root doc/modeles/en/*.tgz /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/en
install: cannot stat 'doc/modeles/en/*.tgz': No such file or directory
make: [Makefile:219: install_models_en] Error 1 (ignored)
install -m 0644 -o root -g root doc/modeles/en/*.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/en
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/fr
install -m 0644 -o root -g root doc/modeles/fr/*.tgz /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/fr
install: cannot stat 'doc/modeles/fr/*.tgz': No such file or directory
make: [Makefile:219: install_models_fr] Error 1 (ignored)
install -m 0644 -o root -g root doc/modeles/fr/*.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/fr
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ja
install -m 0644 -o root -g root doc/modeles/ja/*.tgz /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ja
install: cannot stat 'doc/modeles/ja/*.tgz': No such file or directory
make: [Makefile:219: install_models_ja] Error 1 (ignored)

```

```

install -m 0644 -o root -g root doc/modeles/ja/*.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/auto-multiple-choice/models/ja
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/mime/packages
install -m 0644 -o root -g root interfaces/auto-multiple-choice.xml /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/mime/packages
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/gtksourceview-3.0/language-specs
install -m 0644 -o root -g root interfaces/amc-txt.lang /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/gtksourceview-3.0/language-specs
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/perl
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/exec
install -m 0755 -o root -g root AMC-*.pl /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/perl
install -m 0755 -o root -g root AMC-detect AMC-buildpdf AMC-pdfformfields /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/exec
install -m 0644 -o root -g root AMC-gui-apropos.glade AMC-gui-cleanup.glade AMC-gui-saisie_auto.glade AMC-gui-choix_pages_impression.glade
AMC-gui-mailing.glade AMC-gui-unrecognized.glade AMC-gui-source_latex_choix_zip.glade AMC-gui-liste_dialog.glade AMC-gui-main_window.glade
AMC-gui-overwritten.glade AMC-gui-choose_students.glade AMC-gui-source_latex_dialog.glade AMC-gui-edit_preferences.glade
AMC-gui-choose-mode.glade AMC-gui-make_template.glade AMC-gui-choix_postcorrect.glade AMC-gui-choose_columns.glade
AMC-gui-source_latex_modele.glade AMC-gui-filter_details.glade AMC-gui-choix_projet.glade AMC-gui-source_latex_choix.glade
/home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/lib/AMC/perl
install -d -m 0755 -o root -g root /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/texmf/tex/latex/AMC
install -m 0644 -o root -g root doc/sty/automultiplechoice.sty /home/ben/arch/amc-rc2/pkg/auto-multiple-choice//usr/share/texmf/tex/latex/AMC
install: cannot stat 'doc/sty/automultiplechoice.sty': No such file or directory
make: *** [Makefile:238: install_nodoc] Error 1
==> ERROR: A failure occurred in package_auto-multiple-choice().
    Aborting...
</pre>

```

#### 12/08/2018 01:12 pm - Benoit Landrieu

compilation and installation works ! (commenting make doc install\_doc)

one error in execution :

```

<pre>
Can't locate AMC/Path.pm in @INC (you may need to install the AMC::Path module) (@INC contains:
/home/ben/perl5/lib/perl5/5.28.1/x86_64-linux-thread-multi /home/ben/perl5/lib/perl5/5.28.1 /home/ben/perl5/lib/perl5/x86_64-linux-thread-multi
/home/ben/perl5/lib/perl5 /usr/lib/perl5/5.28/site_perl /usr/share/perl5/site_perl /usr/lib/perl5/5.28/vendor_perl /usr/share/perl5/vendor_perl
/usr/lib/perl5/5.28/core_perl /usr/share/perl5/core_perl) at /usr/lib/AMC/perl/AMC-gui.pl line 49.
BEGIN failed--compilation aborted at /usr/lib/AMC/perl/AMC-gui.pl line 49.
</pre>

```

#### 12/09/2018 10:21 am - Alexis Bienvenüe

Can you check that the value of @PERLDIR@ in @Makefile.conf@ (where AMC perl modules are installed) is in the standard @@INC@ (see your error message)?

#### 12/09/2018 10:24 am - Benoit Landrieu

Alexis Bienvenüe wrote:

> Can you check that the value of @PERLDIR@ in @Makefile.conf@ (where AMC perl modules are installed) is in the standard @@INC@ (see your error message)?

```

<pre>
# directory for perl modules
PERLDIR=/usr/share/perl5/vendor_perl
</pre>

```

#### 12/09/2018 10:32 am - Alexis Bienvenüe

Can you check that the installation stage installed the AMC perl modules in this directory?

```
ls /usr/share/perl5/vendor_perl/AMC
```

**12/09/2018 11:14 am - Benoit Landrieu**

Alexis Bienvenüe wrote:

> Can you check that the installation stage installed the AMC perl modules in this directory?

>

```
> ls /usr/share/perl5/vendor_perl/AMC
```

```
<pre>
```

```
total 228
```

```
-rw-r--r-- 1 root root 28477 Dec  9 12:13 Annotate.pm
-rw-r--r-- 1 root root 19658 Dec  9 12:13 Basic.pm
-rw-r--r-- 1 root root  9834 Dec  9 12:13 Boite.pm
-rw-r--r-- 1 root root  6262 Dec  9 12:13 Calage.pm
-rw-r--r-- 1 root root 23817 Dec  9 12:13 Config.pm
drwxr-xr-x 2 root root  4096 Dec  9 12:13 DataModule
-rw-r--r-- 1 root root 13041 Dec  9 12:13 DataModule.pm
-rw-r--r-- 1 root root  7721 Dec  9 12:13 Data.pm
-rw-r--r-- 1 root root  1924 Dec  9 12:13 Exec.pm
drwxr-xr-x 3 root root  4096 Dec  9 12:13 Export
-rw-r--r-- 1 root root  7364 Dec  9 12:13 Export.pm
-rw-r--r-- 1 root root  2621 Dec  9 12:13 FileMonitor.pm
drwxr-xr-x 3 root root  4096 Dec  9 12:13 Filter
-rw-r--r-- 1 root root  2036 Dec  9 12:13 Filter.pm
drwxr-xr-x 2 root root  4096 Dec  9 12:13 Gui
-rw-r--r-- 1 root root  1745 Dec  9 12:13 Messages.pm
-rw-r--r-- 1 root root  8681 Dec  9 12:13 NamesFile.pm
-rw-r--r-- 1 root root  3038 Dec  9 12:13 Path.pm
drwxr-xr-x 2 root root  4096 Dec  9 12:13 Print
-rw-r--r-- 1 root root  3524 Dec  9 12:13 Print.pm
-rw-r--r-- 1 root root  3092 Dec  9 12:13 Queue.pm
-rw-r--r-- 1 root root  9391 Dec  9 12:13 ScoringEnv.pm
-rw-r--r-- 1 root root 13523 Dec  9 12:13 Scoring.pm
-rw-r--r-- 1 root root  7307 Dec  9 12:13 State.pm
-rw-r--r-- 1 root root  2789 Dec  9 12:13 Subprocess.pm
-rw-r--r-- 1 root root  2299 Dec  9 12:13 Substitute.pm
</pre>
```

**12/09/2018 11:16 am - Benoit Landrieu**

Alexis Bienvenüe wrote:

> Can you check that the installation stage installed the AMC perl modules in this directory?

>

```
> ls /usr/share/perl5/vendor_perl/AMC
```

it's ok, it's works ! I don't know exactly why but I've managed with your help, I will update the patch file and committing in archlinux aur !

thanks you for the time and your patience ;)

Benoit

**12/09/2018 02:49 pm - Benoit Landrieu**

Benoit Landrieu wrote:

> Alexis Bienvenüe wrote:

> > Can you check that the installation stage installed the AMC perl modules in this directory?

> >

> > ls /usr/share/perl5/vendor\_perl/AMC

>

> it's ok, it's works ! I don't know exactly why but I've managed with your help, I will update the patch file and committing in archlinux aur !

>

> thanks you for the time and your patience ;)

>

> Benoit

aur auto-multiple-choice works again !

thanks you very much for the help and the community ;)

**12/29/2018 09:24 pm - Alexis Bienvenüe**

- *Status changed from New to Closed*

- *% Done changed from 0 to 100*

Applied with git:fe465684c0.

#### Files

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|               |         |            |                  |
|---------------|---------|------------|------------------|
| AMC-detect.cc | 40.3 kB | 12/06/2018 | Alexis Bienvenüe |
| AMC-detect.cc | 40.3 kB | 12/06/2018 | Alexis Bienvenüe |